

**FLORENCE COPPER INC.**

1575 W. Hunt Highway, Florence, Arizona 85132 USA

[florencecopper.com](http://florencecopper.com)

July 1, 2021

Mr. David Albright  
Manager, Groundwater Protection Section  
USEPA Region 9 (WTR-4-2)  
75 Hawthorne St  
San Francisco, CA 94105

Subject: Underground Injection Control (UIC) Permit Number R9UIC-AZ3FY11-1  
Monthly Update for AL/AQL Exceedances at Supplemental Monitoring Well M60-O

Dear Mr. Albright:

Florence Copper is providing this monthly update of supplemental monitoring well M60-O alert level (AL) and/or Aquifer Quality Limit (AQL) exceedances under Underground Injection Control (UIC) Permit Number R9UIC-AZ3FY11-1 (Permit).

Florence Copper has been voluntarily monitoring M60-O monthly for the parameters listed in Table 1, and previously submitted a 30-day report on June 3, 2021. The Table below has been updated to include the most recent laboratory results from the monthly sample collected on May 18, 2021 and received on June 17, 2021. Results from the monthly sample collected on June 15, 2021 are pending.

Table 1. M60-O Monthly Sampling Results

Parameter	UIC AL	UIC AQL	1/7/21	2/22/21	3/23/21	4/14/21	5/18/21
Adj. gross alpha, (pCi/L)	17.4	17.4	<b>18.7±2.5</b>	7.8±2.4	<b>26.6±2.5</b>	<b>22.2±2.5</b>	11.4±2.6
Radon (pCi/L)	2480	--	NA	NA	NA	<b>3073.6±308.1</b>	<b>9,129±915.6</b>

**BOLD** values are exceedance of AL and/or AQL

NA: not analyzed

Flow rates have been increased in recovery wells located in the south and east portion of the wellfield to assist with mitigation of M60-O. Hydraulic control in the wellfield has been constantly maintained.

Florence Copper will continue monthly sampling of M60-O for Level I parameters and the parameters which exceeded the ALs and AQLs, and will report these results monthly to EPA until all concentrations are below the ALs and AQLs.

Please feel free to contact me should you have any questions or comments.

Sincerely,  
**Florence Copper, Inc.**

A handwritten signature in blue ink, appearing to read "Brent Berg", with a long horizontal flourish extending to the right.

Brent Berg  
General Manager

Cc: Nancy Rumrill, EPA Region 9  
Maribeth Greenslade, ADEQ